



Fig. 4

Sensor Type	Detection	Situation judged from Detection	Situation Category	Determined Action
Blinker + Car speed sensor	Blinker ON and Car speed	Right or left turn Merge into main lane Change lane	Driver's viewpoint moves excessively	Hold a call
Gear	Reverse gear	Move backward		
Blinker + Obstacle sensor · Range sensor	Blinker ON and Obstacle ahead or behind of car	Start from road shoulder Stop at road shoulder Merge into main lane Change lane		
Obstacle sensor · Range sensor	Obstacle within a predetermined range from car	Obstacle		
Range sensor	Distance between cars within a predetermined range	Short distance between cars	Driver hardly grasps surrounding situation	
GPS terminal	Judged as dangerous terrain based on map data	Complicated and dangerous terrain		
Wiper + Light	Wiper in full swing and Light ON	Low visibility		
Car speed sensor + ETC terminal	Overspeed excessively	Overspeed		
Noise sensor	Noise over a predetermined level	Noise detection	Driver hardly listens to voice	
Acceleration sensor	Sudden slowdown	Driver's danger detection	Driver judges dangerous	
Horn	Horn ON			
Push-button switch	Push-button switch ON			
Emergency notification apparatus (HELP)	HELP activated	Accident	Accident has occurred	
Airbag	Airbag activated			
Each of above devices	Conditions exclusive of above	Non-dangerous situation	Non-dangerous situation	Continue a call · Cancel a hold